Overview

Traditional ISA bus technology (serial, parallel), is gradually being phased out; to be replaced by faster, less troublesome, more efficient bus technologies, such as USB and IEEE 1394 (Firewire). Specifications for the next generation of PCs have already established that do not implement the ISA bus at all.

The IC-1394 is an IEEE 1394 to PCI Host Adapter that plugs into the PCI slot of a standard PC; instantly transforming it into an IEEE 1394 enabled machine. The the IC-1394 allows you to enjoy the advantage of IEEE 1394 compliant peripherals, such as digital cameras, camcorders, VCRs, and DVDs. It also provides the physical structure for hassle free, inexpensive, plug and play networking.*

Best of all, the IC-1394 protects your traditional PC investment, since it allows you to take full advantage of this faster, more reliable, bus technology as you make the transition away from ISA at a pace you can afford.

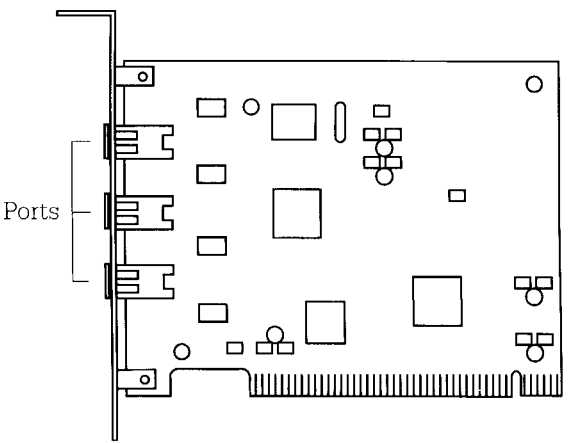
* Requires the purchase of appropriate networking software.

Features

- Allows IEEE 1394 Connections to Standard PCI Bus PCs
- IEEE 1394 OHCI Compliant
- PCI Rev. 2.2 Compliant
- 100/400 Mbps Transfer Rates
- Plug and Play - Devices Can be Added or Removed Without Shutting Down
- 3.3V Power Consumption / 5V Input Tolerant
- Supports up to 63 Devices
- Peer to Peer Communication Structure

System Requirements

- Windows 98
- Windows 2000



Installation

Installing the Card in the Computer:

1. Open the computer case according to the instructions that came with its User Manual.
2. Install the IEEE 1394 to PCI Host Adapter into any empty PCI slot in the computer's expansion card area, in the same way you would install an ordinary expansion card. See your computer's User Manual for details, if necessary.

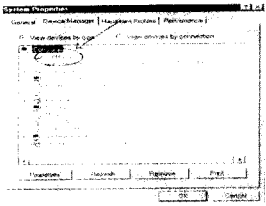
Windows Installation:

1. Once the IEEE 1394 has been installed in the computer, boot the system up. Windows automatically detects the card's presence, and brings up the Add New Hardware dialog box; click on Next to continue.
2. In the dialog box that comes up, leave the default choice: Search for the best driver for your device.(Recommended); click on Next to continue.
3. In the dialog box that comes up, specify the location of Windows' driver data base (usually the default choice); click on Next to continue.
4. In the What do you want to install? dialog box that comes up, leave the default choice: The updated driver (Recommended)...; click on Next to continue.
5. In the dialog box that comes up, click on Next to continue. Windows proceeds to install the driver.
6. When the dialog box appears to inform you that the driver installation has finished, click on Finish. When Windows reboots, the IC-1394 Host Adapter will be ready for use.

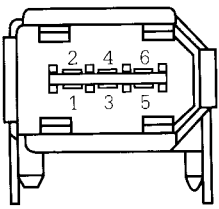
Checking the Installation:

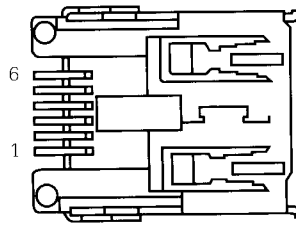
To check that the adapter driver was correctly installed:

1. Open the **My Computer** folder
2. Open the **Control Panel** folder
3. Open the **System** folder
4. Click on the **Device Manager** tab at the top of the dialog box
5. Click on the plus sign in front of the **1394 Bus Controller** heading to see the listing. If the installation completed successfully, you should see an entry for **Texas Instruments OHCI Compliant IEEE 1394 Host Controller.**



Connector Pin Assignments





Pin	Signal Description
1.	Bus Power
2.	Gnd
3.	TBP-
4.	TBP+
5.	TPA-
6.	TPA+

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

Radio & TV Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.